## **CLAIM SUMMARY DOCUMENT**

1. (Currently Amended) Aqueous ink for inkjet recording <u>comprising</u> which contains at least a water-insoluble coloring matter, water and a resin as main components and takes the form of as an emulsion, wherein the resin is colored with a water-insoluble coloring matter the coloring matter being at least one yellow hue coloring matter selected from the group consisting of a quinophthalone compound represented by the formula (1);

$$R_1$$
 $N$ 
 $R_2$ 
 $N$ 
 $R_3$ 
 $R_3$ 

wherein

 $R_1$  represents a hydrogen atom or an unsubstituted or substituted alkyl group having 5 or less carbon atoms,  $R_2$  represents a hydrogen atom and  $R_3$  represents - CONR<sub>4</sub>R<sub>5</sub> in which each of R<sub>4</sub> and R<sub>5</sub> independently represents an unsubstituted or substituted alkyl group having 6 or more carbon atoms or an unsubstituted or substituted aryl group, and;

a pyridine azo compound represented by the formula (2);

wherein

each of R<sub>7</sub> to R<sub>11</sub> independently, represents a hydrogen atom, a halogen atom, an unsubstituted or substituted alkyl group, an aralkyl group, an unsubstituted or substituted



alkoxy group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryloxy group, a hydroxyl group, -NR<sub>14</sub>R<sub>15</sub> in which R<sub>14</sub> and R<sub>15</sub> independently, represents a hydrogen atom, an unsubstituted or substituted alkyl group, or an aralkyl group, -COX<sub>1</sub> in which X<sub>1</sub> represents an unsubstituted or substituted alkoxy group, an unsubstituted or substituted aryloxy group, or -NR<sub>16</sub>R<sub>17</sub> in which each of R<sub>16</sub> and R<sub>17</sub> independently, represents a hydrogen atom, an unsubstituted or substituted alkyl group, an aralkyl group, or an unsubstituted or substituted aryl group, -COO(CH<sub>2</sub>)<sub>n</sub>-COX<sub>2</sub>, -OCOX<sub>3</sub>, or -NHCOX<sub>4</sub> in which each of X<sub>2</sub> to X<sub>4</sub> independently, represents an unsubstituted or substituted alkyl group, an aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted alkoxy group, or an unsubstituted or substituted aryloxy group, and n is an integer of 1 to 3, provided that at least one of R<sub>7</sub> to R<sub>9</sub> is -CONR<sub>16</sub>R<sub>17</sub> having 17 or more carbon atoms,

R<sub>12</sub> represents a linear or branched alkyl group having 4 or more carbon atoms, R<sub>13</sub> represents a linear or branched alkyl group having 8 or more carbon atoms; and mixtures thereof.

2. (Previously Amended) The aqueous ink for ink-jet recording according to claim 1 wherein the yellow hue coloring matter is a quinophthalone compound represented by the formula (1);

$$R_1$$
 OH  $R_2$   $R_3$   $(1)$ 

wherein

 $R_1$  represents a hydrogen atom or an unsubstituted or substituted alkyl group having 5 or less carbon atoms,  $R_2$  represents a hydrogen atom and  $R_3$  represents -  $CONR_4R_5$  in which each of  $R_4$  and  $R_5$  independently represents an unsubstituted or



substituted alkyl group having 6 or more carbon atoms or an unsubstituted or substituted aryl group.

## Claims 3-5 (Canceled)

6. (Previously Amended) The aqueous ink for ink-jet recording according to claim 1 wherein the yellow hue coloring matter is a pyridine azo compound represented by the formula (2);

wherein

each of  $R_7$  to  $R_{11}$  independently, represents a hydrogen atom, a halogen atom, an unsubstituted or substituted alkyl group, an aralkyl group, an unsubstituted or substituted alkoxy group, an unsubstituted or substituted aryloxy group, a hydroxyl group, -NR<sub>14</sub>R<sub>15</sub> in which each of R<sub>14</sub> and R<sub>15</sub> independently, represents a hydrogen atom, an unsubstituted or substituted alkyl group, or an aralkyl group, -COX<sub>1</sub> in which  $X_1$  represents an unsubstituted or substituted alkoxy group, an unsubstituted or substituted aryloxy group, or -NR<sub>16</sub>R<sub>17</sub> in which each of R<sub>16</sub> and R<sub>17</sub> independently, represents a hydrogen atom, an unsubstituted or substituted alkyl group, an aralkyl group, or an unsubstituted or substituted aryl group, -COO(CH<sub>2</sub>)<sub>n</sub>-COX<sub>2</sub>, -OCOX<sub>3</sub>, or -NHCOX<sub>4</sub>, in which  $X_2$  to  $X_4$  represents an unsubstituted or substituted alkyl group, an aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryloxy group, and n is an integer of 1 to 3, provided that at least one of  $R_7$  to  $R_9$  is -CONR<sub>16</sub>R<sub>17</sub> having 17 or more carbon atoms,

 $R_{12}$  represents a linear or branched alkyl group having 4 or more carbon atoms,  $R_{13}$  represents a linear or branched alkyl group having 8 or more carbon atoms.

## Claims 7-10 (Canceled)

## 11. (Previously Amended) A pyridine azo compound represented by the formula (2);

$$R_8$$
 $R_7$ 
 $R_{12}$ 
 $CN$ 
 $R_{12}$ 
 $CN$ 
 $R_{13}$ 
 $R_{14}$ 
 $OH$ 
 $R_{13}$ 

wherein

each of  $R_7$  to  $R_{11}$  independently, represents a hydrogen atom, a halogen atom, an unsubstituted or substituted alkyl group, an aralkyl group, an unsubstituted or substituted alkoxy group, an unsubstituted or substituted aryloxy group, a hydroxyl group, -NR<sub>14</sub>R<sub>15</sub> in which each of  $R_{14}$  and  $R_{15}$  independently, represents a hydrogen atom, an unsubstituted or substituted alkyl group, or an aralkyl group, -COX<sub>1</sub> in which  $X_1$  represents an unsubstituted or substituted alkoxy group, an unsubstituted or substituted aryloxy group, or -NR<sub>16</sub>R<sub>17</sub> in which  $R_{16}$  and  $R_{17}$  independently, represents a hydrogen atom, an unsubstituted or substituted alkyl group, an aralkyl group, or an unsubstituted or substituted aryl group, -COO(CH<sub>2</sub>)<sub>n</sub>-COX<sub>2</sub>, -OCOX<sub>3</sub>, or -NHCOX<sub>4</sub> in which  $X_2$  to  $X_4$  represents an unsubstituted or substituted alkyl group, an aralkyl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryl group, an unsubstituted or substituted aryloxy group, and n is an integer of 1 to 3, provided that at least one of  $R_7$  to  $R_9$  is -CONR<sub>16</sub>R<sub>17</sub> having 17 or more carbon atoms.

 $R_{12}$  represents a linear or branched alkyl group having 4 or more carbon atoms,  $R_{13}$  represents a linear or branched alkyl group having 8 or more carbon atoms.

Claims 12-15 (Canceled)

